

## PCT REQUEST

Original (for SUBMISSION)

0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.162)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	European Patent Office (EPO) (RO/EP)
0-7	Applicant's or agent's file reference	P 43482 WO
I	Title of Invention	CATADIOPTRIC PROJECTION OBJECTIVE
II	Applicant	
II-1	This person is	applicant only
II-2	Applicant for	all designated States except US
II-4	Name	CARL ZEISS SMT AG
II-5	Address	Carl-Zeiss-Strasse 22 73447 Oberkochen Germany
II-6	State of nationality	DE
II-7	State of residence	DE
III-1	Applicant and/or inventor	
III-1-1	This person is	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	SCHAFER, David
III-1-5	Address	56 Drake Lane Fairfield, CT 06430 United States of America
III-1-6	State of nationality	US
III-1-7	State of residence	US

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III-2	Applicant and/or inventor	<b>applicant and inventor</b> <b>US only</b> <b>DODOC, Aurelian</b> <b>Hainbuchenweg 7</b> <b>73447 Oberkochen</b> <b>Germany</b> <b>RO</b> <b>DE</b>
III-2-1	This person is	
III-2-2	Applicant for	
III-2-4	Name (LAST, First)	
III-2-5	Address	
III-2-6	State of nationality	
III-2-7	State of residence	
III-3	Applicant and/or inventor	<b>applicant and inventor</b> <b>US only</b> <b>EPFLE, Alexander</b> <b>Langerstrasse 38</b> <b>73431 Aalen</b> <b>Germany</b> <b>DE</b> <b>DE</b>
III-3-1	This person is	
III-3-2	Applicant for	
III-3-4	Name (LAST, First)	
III-3-5	Address	
III-3-6	State of nationality	
III-3-7	State of residence	
III-4	Applicant and/or inventor	<b>applicant and inventor</b> <b>US only</b> <b>ULRICH, Wilhelm</b> <b>Lederackerring 44</b> <b>73434 Aalen</b> <b>Germany</b> <b>DE</b> <b>DE</b>
III-4-1	This person is	
III-4-2	Applicant for	
III-4-4	Name (LAST, First)	
III-4-5	Address	
III-4-6	State of nationality	
III-4-7	State of residence	
III-5	Applicant and/or inventor	<b>applicant and inventor</b> <b>US only</b> <b>SCHUSTER, Karl-Heinz</b> <b>Rechbergstrasse 24</b> <b>89551 Koenigsbronn</b> <b>Germany</b> <b>DE</b> <b>DE</b>
III-5-1	This person is	
III-5-2	Applicant for	
III-5-4	Name (LAST, First)	
III-5-5	Address	
III-5-6	State of nationality	
III-5-7	State of residence	


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IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent international Authorities as:	agent	
IV-1-1	Name	PAE RUFF, WILHELM, BEIER, DAUSTER & PARTNER	
IV-1-2	Address	Kronenstrasse 30 70174 Stuttgart Germany	
IV-1-3	Telephone No.	0711-222 976-0	
IV-1-4	Facsimile No.	0711-222 976-76	
IV-1-5	e-mail	mail@kronenpat. de	
V	DESIGNATIONS		
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.		
VI-1	Priority claim of earlier national application		
VI-1-1	Filing date	17 October 2003 (17.10.2003)	
VI-1-2	Number	60/511,673	
VI-1-3	Country	US	
VII-1	International Searching Authority Chosen	European Patent Office (EPO) (ISA/EP)	
VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	--	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	--	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	--	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	--	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	--	

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IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	4	✓
IX-2	Description	22	-
IX-3	Claims	2	-
IX-4	Abstract	1	✓
IX-5	Drawings	9	-
IX-7	TOTAL	38	
	Accompanying items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-13	Priority document(s)	Item(s) VI-1	-
IX-17	PCT-SAFE physical media	-	✓
IX-19	Figure of the drawings which should accompany the abstract		
IX-20	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name	PAE RUFF, WILHELM, BEIER, DAUSTER & PARTNER	
X-1-2	Name of signatory	Dr. Muschik	
X-1-3	Capacity	Patent Attorney, Association No. 16	

## FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/EP
10-6	Transmittal of search copy delayed until search fee is paid	

## FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by the International Bureau	
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## PCT REQUEST (ANNEX - FEE CALCULATION SHEET)

Original (for SUBMISSION)

(This sheet is not part of and does not count as a sheet of the international application)

0	For receiving Office use only		
0-1	International Application No.		
0-2	Date stamp of the receiving Office		
0-4	Form PCT/RO/101 (Annex) PCT Fee Calculation Sheet		
0-4-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.162)	
0-9	Applicant's or agent's file reference		P 43482 WO
2	Applicant		CARL ZEISS SMT AG
12	Calculation of prescribed fees		fee amount/multiplier      Total amounts (EUR)
12-1	Transmittal fee	T	100
12-2-1	Search fee	S	1550
12-2-2	International search to be carried out by		EP
12-3	International filing fee (first 30 sheets)	I1	902
12-4	Remaining sheets	8	
12-5	Additional amount	(X) 10	
12-6	Total additional amount	I2	80
12-7	I1 + I2 =	I	982
12-12	EASY Filing reduction	R	-64
12-13	Total International filing fee (I-R)	I	918
12-14	Fee for priority document		
	Number of priority documents requested	0	
12-15	Fee per document	(X) 30	
12-16	Total priority document fee:	P	
12-17	TOTAL FEES PAYABLE (T+S+I+P)		2568
12-19	Mode of payment		authorization to charge deposit account
12-20	Deposit account instructions		
	The receiving Office	European Patent Office (EPO) (RO/EP)	
12-20-1	Authorization to charge the total fees indicated above		✓
12-20-2	Authorization to charge any deficiency of credit any overpayment in the total fees indicated above		✓
12-21	Deposit account No.		2800 0005
12-22	Date		14 October 2004 (14.10.2004)
12-23	Name and signature		PAE RUFF, WILHELM, BEIER, DAUSTER & PARTNER 